

Story of Transport:

1. Which power was used to pull vehicles in ancient times?
2. Name the invention which made a great change in modes of transport.

How Far Have You Travelled? How Wide Is This Desk?

1. What does your P.T. teacher use to measure the length of the playground?
2. Explore and find out what kind of scale is used by cloth merchants, tailors, carpenters and mechanics to measure length.

Some Measurements:

1. What do you understand by unit?
2. What type of measuring device would you use to measure the girth of a tree?
3. What is measurement?
4. Name the two parts which must be mentioned to state the results of a measurement.

Standard units of Measurements:

1. Name the unit of length, which should be used to express the thickness of a coin.
2. Name the SI unit of length.
3. Which unit should be used to express thickness of coin or wire?
4. What is the system used for measurements nowadays?
5. Name the unit of length, which you would like to use while expressing the distance between Delhi and Lucknow.
6. What is the convenient unit to measure the distance between two cities or villages?
7. Why a cubit cannot be used as the standard unit of length?
8. Fill in the blanks with < or > sign.
 - (a) 1 decametre 1 decimetre.
 - (b) 1 millimetre 1 centimetre.
 - (c) 1 hecometre 1 kilometre
 - (d) 1 decimetre 1 centimetre.
9. Fill in the blanks:
 - (a) 1 cm = mm.
 - (b) 1 dm = metre.
 - (c) 1 kilometre = metre.
 - (d) 1 metre = centimeter.

Correct Measurement of Length:

1. Can you measure the length of a pencil with metre-scale?
2. State two precautions, which should be taken while using a metre scale to measure the length of an object.
3. What precaution should be taken while buying something?
4. How will you find the thickness of a thin wire?
5. List three uses of metre.

6. A 30 cm scale has one end broken. The mark at the broken end is 2.6 cm. how would you use it to measure the length of your pencil?
7. Describe the method you would use to find the thickness of a sheet of paper of your science book.
8. Can you measure the diameter of a ball with the help of metre scale?
9. How would you measure the thickness of a coin?

Measuring The Length of A Curved Line:

1. Using a thread how will you find the circumference of a one rupee coin.
2. Which device we can use to measure the length of a 2 curved line?

Moving Things Around Us:

1. Is the hour hand of a wall clock at rest or in motion?
2. If you are sitting in a moving bus, are you at rest or in motion?
3. Is your classroom at rest or in motion?
4. Group the following moving and stationary objects:
 - (i) House top
 - (ii) Clock
 - (iii) Minute hand of the clock
 - (iv) Bird sitting on the roof
 - (v) Flying bird
 - (vi) Table.

Type of Motion:

1. Define rotator motion with a suitable example.
2. How will you measure the length of any curved line?
3. Observe the following figures and state which type of motion is that?
4. What is circular motion?
5. Define periodic motion.
6. Fix a rubber string or a piece of a thread stretched between the nails. Pluck it just like the string of a Sitar or a Violin. What type of motion is this?